

# S. S. ROHIT

West of chord road, Bangalore, 560022

+91 9686873910 ✉ [rohithrothrium.ss1997@gmail.com](mailto:rohithrothrium.ss1997@gmail.com) [in linkedin.com/in/rohit-shrothrium](https://www.linkedin.com/in/rohit-shrothrium) [github.com/randr97](https://github.com/randr97)

## Education

### B.M.S College Of Engineering

Aug. 2015 – May 2019

Bachelor's of Engineering in Electrical and Electronics - 8.95 CGPA

Bangalore

## Technical Skills

**Programming Languages:** Python, Java, C++, JavaScript, SQL

**Tools and Technologies:** Airflow, Spark, Kafka, Elastic Search, Postgres, MongoDB, Redis, Docker

**Machine Learning:** Numpy, Pandas, Scikit learn, Catboost, Tensorflow, Keras, Google AI Platform

**System Design:** Distributed Systems, Database Sharding, REST, gRPC, Concurrency Control, ACID

**Compute:** EC2, Redshift, Batch, Glue, Athena, BigQuery, Kubernetes

## Experience

### Blimp Technologies Inc.

March 2021 – Present

Lead Data Engineer - Remote

Toronto

- Architected a data warehouse to store and access more than 130 million homes across the US using Google's BigQuery.
- Developed Spark jobs for running ML ops to predict house prices and orchestrated it using Apache Airflow.
- Developed a Django app with Postgres to query home details and insights powering the website [blimphomes.com](https://blimphomes.com)

### Delhivery Pvt. Ltd.

March 2021 – Present

Software Engineer - Remote

Bangalore

- Migrated data pipelines across data services to Apache Airflow, which reduced compute costs by 64%
- Drove the monetization process for AI products and on-boarded multiple external clients.
- Leveraged services like AWS Batch and Glue to cut down on compute cost by 80%.

### GALE Partners

Jan 2019 – March 2021

Software Engineer - Ad Operations

Bangalore

- Worked with clients to migrate on-prem systems to a cloud-native architecture, which reduced compute costs by 65%.
- Conducted Data Protection Impact Assessment (DPIA) and ensured GDPR and CCPA compliance.
- Contributed to Apache foundation's Airflow project as a part of Pro Bono activities.

### ABB Corporate Research Center

June 2018 – Sept 2018

Software Research Intern

Bangalore

- Performed cost-benefit analysis and validated the proposition to automate legacy control-system migration.
- Developed a Windows application for System Engineers reducing control-system logic migration time by 92.8%
- Compiled this research into a paper titled *Industrial Control Systems-Legacy System Documentation and Augmentation*

## Leadership / Extracurricular

### IEEE Student Branch

Feb 2017 – March 2018

Vice Chairman

B.M.S College Of Engineering

- Coordinated logistics and supply chain operations for events conducted by the student branch.
- Increased student membership by 300% and organized more than sixty workshops and two international conferences.

### D.S. Ramakrishna Scholarship

Nov 2018

- Secured a scholarship for achieving the highest score in Control Systems and Field Theory.

### IEEE Xtreme Hackathon 10.0

Oct 2016

- Secured 7th rank in India and 307th globally with a total participation of 2200 teams.

## Publications

- Sudarsan, S.D., Mohan, D. and Rohit, S.S., 2018, October. Industrial Control Systems-Legacy System Documentation and Augmentation. In 2018 IEEE 3rd International Conference on Computing, Communication, and Security (ICCCS) (pp. 167-170). IEEE. - 2 citations
- Rohit, S.S, Jamkhandi, A.G, Rao, A, Krishna, V, Naik, A, and Parathodiyil, M., 2018, September. IoT based identification and assessment of industrial assets. In 2018 International Conference on Computing, Power and Communication Technologies (GUCON) (pp. 378-383). IEEE. - 5 citations